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Trying 01082...Open

PLEASE ENTER HOST PORT ID:
PLEASE ENTER HOST PORT ID:x
LOGINID:d128cas
PASSWORD:
TERMINAL (ENTER 1, 2, 3, 4, OR ?): 3


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  *                                                                   *
  *           Welcome to MESSENGER (APS Text) at USPTO                *
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  *    NOVEMBER 17,1998  for U.S. Patent Text Data.                   *
  *    NOVEMBER 17,1998  for U.S. Current Classification Data.        *
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  *       * PLEASE USE 305-9000 FOR NEW TELEPHONE NUMBER *             *
  *                                                                   *
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  * More U.S. patent data is now available on APS.  The new          *
  * USOCR file contains patents issued in 1970, plus some            *
  * patents that were missing from the USPAT file.  See the          *
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  * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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  *  particular purpose; nor assumes any legal liability or           *
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  *                Help Desk --> 703-305-9000                         *
  *                                                                   *
  *    The Help Desk is staffed for APS support 7 days/week.          *
  *      Monday through Friday:      6:30am - 9:00pm                  *
  *      Saturday, Sunday, Holidays: 8:30am - 5:00 pm                 *
  *                                                                   *
  *    The Help Desk staff at this number will handle all APS         *
  *    related questions.                                             *
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  *    >>>>>>>>>>>>> NEW SUNDAY HOURS !!! <<<<<<<<<<<<<               *
  *                                                                   *
  *    The APS is available:                                          *
  *            6:30am - 9:00pm Monday through Friday                  *
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  *                                                                   *
  *      APS is unavailable Thanksgiving Day, Christmas Day,          *
  *      and New Year's Day.                                          *
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FILE 'USPAT' ENTERED AT 09:39:10 ON 20 NOV 1998
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  *                W E L C O M E   T O   T H E                    *
  *          U. S.   P A T E N T   T E X T   F I L E              *
  * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

=> s (blood or leukocyte# or cell#)(10n)(cryopreserv? or frozen)(p)(pyrogen#
or interleukin# or cytokine#)(p)(elisa or immunoassay or bioassay or assay)

          99768 BLOOD
           7020 LEUKOCYTE#
         260703 CELL#
            719 CRYOPRESERV?
          40145 FROZEN
           4081 PYROGEN#
           5664 INTERLEUKIN#
           4145 CYTOKINE#
           8539 ELISA
           8039 IMMUNOASSAY
           3618 BIOASSAY
          49290 ASSAY
L1            4 (BLOOD OR LEUKOCYTE# OR CELL#)(10A)(CRYOPRESERV? OR FROZEN)
(P)
               (PYROGEN# OR INTERLEUKIN# OR CYTOKINE#)(P)(ELISA OR IMMUNOA
SSA
               Y OR BIOASSAY OR ASSAY)

=> d 1-4
```

1. 5,650,489, Jul. 22, 1997, Random bio-oligomer library, a method of synthesis thereof, and a method of use thereof; Kit Sang Lam, et al., 530/334; 435/183; 436/86, 544; 530/300, 333, 344, 350, 806, 812, 817 [IMAGE AVAILABLE]

2. 5,635,365, Jun. 3, 1997, Noninvasive diagnosis for allograft rejection; Aftab A. Ansari, et al., 435/15, 30 [IMAGE AVAILABLE]

3. 5,510,240, Apr. 23, 1996, Method of screening a peptide library; Kit S. Lam, et al., 435/7.1, 4, 18, 23, 24; 436/86, 89, 90, 501, 518, 524, 528, 531; 530/350, 387.1 [IMAGE AVAILABLE]

4. 5,322,787, Jun. 21, 1994, Cytokine and bioassay therefor; Michael Martin, et al., 435/372, 29 [IMAGE AVAILABLE]

=> d kwic 1-4

US PAT NO: 5,650,489 [IMAGE AVAILABLE] L1: 1 of 4

DETDESC:

DETD(128)

The **bioassay** can be made with the Ba/F3-T recombinant cell line expressing erythropoietin receptor (EPO-R). These cells are dependent on the presence of either **interleukin**-3 (IL-3) or EPO. Culture of these cells in the presence of IL-3 (supplied as 10% (v/v) WEHI-conditioned culture medium) will prevent the possible interference of EPO in the medium with the **bioassay**. Basic growth medium for Ba/F3-T cells is RPMI 1640 medium containing 2.0 g/L NaHCO.sub.3 10% (v/v) fetal bovine

serum, 1x. . . is prepared by culturing WHEI cells to confluence in the same basic medium. The conditioned medium is centrifuged to remove **cells**, passed through a 0.22 .mu.m filter and stored **frozen**. The Ba/F3-T **cells** are cultured to give 1.31.times.10.sup.7 cells, which will be distributed as 1.times.10.sup.3 cells/well in a volume of 150 .mu.l as. . .

US PAT NO: 5,635,365 [IMAGE AVAILABLE] L1: 2 of 4

DETDESC:

DETD(44)

LAK cell medium is prepared for use in this **assay**; normal PBLs at 2 million per ml are cultured for 3 days at 37.degree. C., 7% CO.sub.2 in RPMI 1640, gentamycin, L-glutamine, 10% heat-inactivated fetal calf serum, 1000 U/ml recombinant **interleukin** 2 and then the **cells** are discarded after centrifugation. The conditioned medium is then **frozen** at -70.degree. C. in aliquots of 20 to 50 ml.

US PAT NO: 5,510,240 [IMAGE AVAILABLE] L1: 3 of 4

DETDESC:

DETD(128)

The **bioassay** can be made with the Ba/F3-T recombinant cell line expressing erythropoietin receptor (EPO-R). These cells are dependent on the presence of either **interleukin**-3 (IL-3) or EPO. Culture of these cells in the presence of IL-3 (supplied as 10% (v/v) WEHI-conditioned culture medium) will prevent the possible interference of EPO in the medium with the **bioassay**. Basic growth medium for Ba/F3-T cells is RPMI 1640 medium containing 2.0 g/L NaHCO.sub.3 10% (v/v) fetal bovine serum, 1.times.. . . is prepared by culturing WHEI cells to confluence in the same basic medium. The conditioned medium is centrifuged to remove **cells**, passed through a 0.22 .mu.m filter and stored **frozen**. The Ba/F3-T **cells** are cultured to give 1.31.times.10.sup.7 cells, which will be distributed as 1.times.10.sup.3 cells/well in a volume of 150 .mu.l as. . .

US PAT NO: 5,322,787 [IMAGE AVAILABLE] L1: 4 of 4

DETDESC:

DETD(5)

The **bioassay** may conveniently be provided in kit form. According to this aspect of the present invention, there is provided a kit for detecting a **cytokine** in a sample comprising in a compartment form a first compartment adapted to contain SPGM-1 cells and optionally additional compartments adapted to contain reagents for use in the method, such as IMDM, FCS, buffers and diluents. Preferably, the SPGM-1 **cells** are in **cryopreserved** form in the kit. Preferably, the SPGM-1 **cells** are **cryopreserved** at approximately 10.sup.6 -10.sup.7 **cells**/ml and this may conveniently be packed in one or more vials containing from 0.1 to 100 ml, and preferably 1. . .

=> file jpo

FILE 'JPO' ENTERED AT 09:41:35 ON 20 NOV 1998

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  *                          G P I                                *
  *     J A P A N E S E   P A T E N T   A B S T R A C T S         *
  * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *


=> s l1

         15590 BLOOD
           389 LEUKOCYTE#
        102025 CELL#
             6 CRYOPRESERV?
          8023 FROZEN
           104 PYROGEN#
           542 INTERLEUKIN#
            87 CYTOKINE#
            87 ELISA
           972 IMMUNOASSAY
            18 BIOASSAY
           578 ASSAY
L2            0 (BLOOD OR LEUKOCYTE# OR CELL#)(10A)(CRYOPRESERV? OR FROZEN)
(P)
                (PYROGEN# OR INTERLEUKIN# OR CYTOKINE#)(P)(ELISA OR IMMUNOA
SSA
                Y OR BIOASSAY OR ASSAY)

=> file epoabs

FILE 'EPOABS' ENTERED AT 09:41:46 ON 20 NOV 1998

  * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
  *     E U R O P E A N   P A T E N T   A B S T R A C T S         *
  * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *


=> s l1

         16195 BLOOD
           592 LEUKOCYTE#
         62714 CELL#
            61 CRYOPRESERV?
          3647 FROZEN
           141 PYROGEN#
           737 INTERLEUKIN#
           380 CYTOKINE#
           185 ELISA
          1704 IMMUNOASSAY
            68 BIOASSAY
          3969 ASSAY
L3            0 (BLOOD OR LEUKOCYTE# OR CELL#)(10A)(CRYOPRESERV? OR FROZEN)
(P)
                (PYROGEN# OR INTERLEUKIN# OR CYTOKINE#)(P)(ELISA OR IMMUNOA
SSA
                Y OR BIOASSAY OR ASSAY)

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